

AB071394

LOCUS AB071394 3329 bp mRNA linear MAM 21-MAY-2003

DEFINITION Sus scrofa TLR9 mRNA for Toll-like receptor 9, complete cds.

ACCESSION AB071394

VERSION AB071394.1 GI:29420456

KEYWORDS .

SOURCE Sus scrofa (pig)

ORGANISM Sus scrofa
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Laurasiatheria; Cetartiodactyla; Suina; Suidae;
Sus.

REFERENCE 1

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TITLE Swine Toll-like receptor 9(1) recognizes CpG motifs of human cell
stimulant

JOURNAL Biochim. Biophys. Acta 1627 (1), 56-61 (2003)

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REFERENCE 2 (bases 1 to 3329)

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TITLE Direct Submission

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FEATURES

source 1. .3329
/organism="Sus scrofa"
/mol_type="mRNA"
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/cell_type="splenocyte"
/tissue_type="Spleen"
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CDS 55. .3147
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HLTGLHALRYLYMDGNCYYKNPCQGALEVVPGALLGLGNLTHLSLKYNLLEVPRLP
PSLETLLLSYNHIVTLTPEDLANLTALRVLDVGGNCRCDHARNPCRECPKDHPLHS
DTFSHLSRLEGLVLKDSLSLYNLDARWFRGLDRLQVLDLSENFYDICTKTAFQGLAR
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ORIGIN

Query Match 100.0%; Score 3329; DB 9; Length 3329;
 Best Local Similarity 100.0%;
 Matches 3329; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	AGCTGCGGCCCCGGTCTGCCAGCCAGACCCTTTGGAGAAGACCCCACTCCCTGTCATGGGC	60
Db	1	AGCTGCGGCCCCGGTCTGCCAGCCAGACCCTTTGGAGAAGACCCCACTCCCTGTCATGGGC	60
Qy	61	CCCCGCTGCACCCTGCACCCCCTTTCTCTCCTGGTGACAGCGCTGGCTGCGACT	120
Db	61	CCCCGCTGCACCCTGCACCCCCTTTCTCTCCTGGTGACAGCGCTGGCTGCGACT	120
Qy	121	CTGGCCCAGGGCAGGCTGCCTGCCTTCCTGCCCTGTGAGCTCCAGCCCCACGGCCTGGTG	180
Db	121	CTGGCCCAGGGCAGGCTGCCTGCCTTCCTGCCCTGTGAGCTCCAGCCCCACGGCCTGGTG	180
Qy	181	AACTGCAACTGGCTCTTCCTGAAGTCCGTGCCCCACTTCTCGGCGGCAGCGCCCCGGGCC	240
Db	181	AACTGCAACTGGCTCTTCCTGAAGTCCGTGCCCCACTTCTCGGCGGCAGCGCCCCGGGCC	240
Qy	241	AACGTCAACAGCCTCTCCTTACTCTCCAACCGCATCCACCACTTGACGACTCTGACTTC	300
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Qy	301	GTCCACCTGTCCAGCCTACGAACCTCTCAACCTCAAGTGGAAGTGGCCGCGGCTGGCCTC	360
Db	301	GTCCACCTGTCCAGCCTACGAACCTCTCAACCTCAAGTGGAAGTGGCCGCGGCTGGCCTC	360
Qy	361	AGCCCCATGCACTTCCCCTGCCACATGACCATCGAGCCCAACACCTTCCTGGCCGTGCCC	420
Db	361	AGCCCCATGCACTTCCCCTGCCACATGACCATCGAGCCCAACACCTTCCTGGCCGTGCCC	420
Qy	421	ACCCTGGAGGAGCTGAACCTGAGCTACAACAGCATCACGACCGTGCCTGCCCTGCCCGAC	480
Db	421	ACCCTGGAGGAGCTGAACCTGAGCTACAACAGCATCACGACCGTGCCTGCCCTGCCCGAC	480
Qy	481	TCCCTCGTGCTCCCTGTGCTGAGCCGCACCAACATCCTGGTGCTAGACCCACCCACCTC	540
Db	481	TCCCTCGTGCTCCCTGTGCTGAGCCGCACCAACATCCTGGTGCTAGACCCACCCACCTC	540
Qy	541	ACTGGCCTACATGCCCTGCGCTACCTGTACATGGATGGCAACTGCTACTACAAGAACCCC	600
Db	541	ACTGGCCTACATGCCCTGCGCTACCTGTACATGGATGGCAACTGCTACTACAAGAACCCC	600
Qy	601	TGCCAGGGGGCGCTGGAGGTGGTGCCGGGTGCCCTCCTCGGCCTGGGCAACCTCACACAT	660
Db	601	TGCCAGGGGGCGCTGGAGGTGGTGCCGGGTGCCCTCCTCGGCCTGGGCAACCTCACACAT	660
Qy	661	CTCTCACTCAAGTACAACAATCTCACGGAGGTGCCCCGCAGCCTGCCCCCAGCCTGGAG	720
Db	661	CTCTCACTCAAGTACAACAATCTCACGGAGGTGCCCCGCAGCCTGCCCCCAGCCTGGAG	720
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Db	721	ACCCTGCTGTTGTCTCTACAACCACATTGTCACCCTGACGCCTGAGGACCTGGCCAATCTG	780
Qy	781	ACTGCCCTGCGCGTGCTTGATGTGGGGGGGAAGTGCCGCCGCTGTGACCATGCCCGCAAC	840
Db	781	ACTGCCCTGCGCGTGCTTGATGTGGGGGGGAAGTGCCGCCGCTGTGACCATGCCCGCAAC	840

Qy	841	CCCTGCAGGGAGTGCCCAAAGGACCACCCCAAGCTGCACTCTGACACCTTCAGCCACCTG	900
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Qy	901	AGCCGCCTCGAAGGCCTGGTGTGAAAGACAGTTCTCTCTACAACCTGGACGCCAGGTGG	960
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Qy	961	TTCCGAGGCCTGGACAGGCTCCAAGTGCTGGACCTGAGTGAGAACTTCCTCTACGACTGC	1020
Db	961	TTCCGAGGCCTGGACAGGCTCCAAGTGCTGGACCTGAGTGAGAACTTCCTCTACGACTGC	1020
Qy	1021	ATCACCAAGACCACGGCCTTCCAGGGCCTGGCCCGACTGCGCAAGCTCAACCTGTCCTTC	1080
Db	1021	ATCACCAAGACCACGGCCTTCCAGGGCCTGGCCCGACTGCGCAAGCTCAACCTGTCCTTC	1080
Qy	1081	AATTACCACAAGAAGGTGTCTTTGCCACCTGCACCTGGCACCTCCTTTGGGCACCTC	1140
Db	1081	AATTACCACAAGAAGGTGTCTTTGCCACCTGCACCTGGCACCTCCTTTGGGCACCTC	1140
Qy	1141	CGGTCCCTGAAGGAGCTGGACATGCATGGCATCTTCTTCCGCTCGCTCAGTGAGACCACG	1200
Db	1141	CGGTCCCTGAAGGAGCTGGACATGCATGGCATCTTCTTCCGCTCGCTCAGTGAGACCACG	1200
Qy	1201	CTCCAACCTCTGGTCCAAGTGCCTATGCTCCAGACCCTGCGCCTGCAGATGAACTTCATT	1260
Db	1201	CTCCAACCTCTGGTCCAAGTGCCTATGCTCCAGACCCTGCGCCTGCAGATGAACTTCATT	1260
Qy	1261	AACCAGGCCCAGCTCAGCATCTTTGGGGCCTTCCCTGGCCTGCTGTACGTGGACCTATCG	1320
Db	1261	AACCAGGCCCAGCTCAGCATCTTTGGGGCCTTCCCTGGCCTGCTGTACGTGGACCTATCG	1320
Qy	1321	GACAACCGCATCAGCGGAGCTGCAAGGCCAGTGGCCATTACTAGGGAGGTGGATGGTAGG	1380
Db	1321	GACAACCGCATCAGCGGAGCTGCAAGGCCAGTGGCCATTACTAGGGAGGTGGATGGTAGG	1380
Qy	1381	GAGAGGGTCTGGCTGCCTTCCAGGAACCTCGTCCACGTCCACTGGACACTCTCCGCTCA	1440
Db	1381	GAGAGGGTCTGGCTGCCTTCCAGGAACCTCGTCCACGTCCACTGGACACTCTCCGCTCA	1440
Qy	1441	GAGGACTTCATGCCAAACTGCAAGGCCTTCAGCTTCACCTTGACCTGTCTCGGAACAAC	1500
Db	1441	GAGGACTTCATGCCAAACTGCAAGGCCTTCAGCTTCACCTTGACCTGTCTCGGAACAAC	1500
Qy	1501	CTGGTGACAATCCAGTCGGAGATGTTTGCTCGCCTCTCACGCCTCGAGTGCCTGCGTCTG	1560
Db	1501	CTGGTGACAATCCAGTCGGAGATGTTTGCTCGCCTCTCACGCCTCGAGTGCCTGCGTCTG	1560
Qy	1561	AGCCACAACAGCATCTCCCAGGCGGTCAATGGCTCTCAGTTTGTGCCGCTGACCAGCCTG	1620
Db	1561	AGCCACAACAGCATCTCCCAGGCGGTCAATGGCTCTCAGTTTGTGCCGCTGACCAGCCTG	1620
Qy	1621	CGGGTGCTGGACCTGTCCCACAACAAGCTGGACCTGTATCACGGGCGCTCGTTCACGGAG	1680
Db	1621	CGGGTGCTGGACCTGTCCCACAACAAGCTGGACCTGTATCACGGGCGCTCGTTCACGGAG	1680
Qy	1681	CTGCCGCGCCTGGAAGCACTGGACCTCAGCTACAACAGCCAGCCCTTTACCATGCAGGGT	1740
Db	1681	CTGCCGCGCCTGGAAGCACTGGACCTCAGCTACAACAGCCAGCCCTTTACCATGCAGGGT	1740

Qy	1741	GTGGGGCCACAACCTCAGCTTCGTGGCCAGCTGCCCCGCCCTGCGCTACCTCAGCCTGGCG	1800
Db	1741	GTGGGGCCACAACCTCAGCTTCGTGGCCAGCTGCCCCGCCCTGCGCTACCTCAGCCTGGCG	1800
Qy	1801	CACAAATGACATCCATAGCCGAGTGTCCCAGCAGCTCTGTAGCGCCTCACTGTGCGCCCTG	1860
Db	1801	CACAAATGACATCCATAGCCGAGTGTCCCAGCAGCTCTGTAGCGCCTCACTGTGCGCCCTG	1860
Qy	1861	GACTTTAGCGGCAACGATCTGAGCCGGATGTGGGCTGAGGGAGACCTCTATCTCCGCTTC	1920
Db	1861	GACTTTAGCGGCAACGATCTGAGCCGGATGTGGGCTGAGGGAGACCTCTATCTCCGCTTC	1920
Qy	1921	TTCCAAGGCCTAAGAAGCCTAGTCTGGCTGGACCTGTCCCAGAACCACCTGCACACCCTC	1980
Db	1921	TTCCAAGGCCTAAGAAGCCTAGTCTGGCTGGACCTGTCCCAGAACCACCTGCACACCCTC	1980
Qy	1981	CTGCCACGTGCCCTGGACAACCTCCCCAAAAGCCTGAAGCATCTGCATCTCCGTGACAAT	2040
Db	1981	CTGCCACGTGCCCTGGACAACCTCCCCAAAAGCCTGAAGCATCTGCATCTCCGTGACAAT	2040
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Db	2041	AACCTGGCCTTCTTCAACTGGAGCAGCCTGACCTCCTGCCCCAAGCTGGAAACCCTGGAC	2100
Qy	2101	TTGGCTGGAAACCAGCTGAAGGCCCTAAGCAATGGCAGCCTGCCATCTGGCACCCAGCTG	2160
Db	2101	TTGGCTGGAAACCAGCTGAAGGCCCTAAGCAATGGCAGCCTGCCATCTGGCACCCAGCTG	2160
Qy	2161	CGGAGGCTGGACCTCAGTGGCAACAGCATCGGCTTTGTGAACCCTGGCTTCTTTGCCCTG	2220
Db	2161	CGGAGGCTGGACCTCAGTGGCAACAGCATCGGCTTTGTGAACCCTGGCTTCTTTGCCCTG	2220
Qy	2221	GCCAAGCAGTTAGAAGAGCTCAACCTCAGCGCCAATGCCCTCAAGACAGTGGAGCCCTCC	2280
Db	2221	GCCAAGCAGTTAGAAGAGCTCAACCTCAGCGCCAATGCCCTCAAGACAGTGGAGCCCTCC	2280
Qy	2281	TGGTTTGGCTCGATGGTGGGCAACCTGAAAGTCCTAGACGTGAGCGCCAACCCTCTGCAC	2340
Db	2281	TGGTTTGGCTCGATGGTGGGCAACCTGAAAGTCCTAGACGTGAGCGCCAACCCTCTGCAC	2340
Qy	2341	TGCGCCTGTGGGGCGACCTTCGTGGGCTTCCTGCTGGAGGTACAGGCTGCCGTGCCTGGG	2400
Db	2341	TGCGCCTGTGGGGCGACCTTCGTGGGCTTCCTGCTGGAGGTACAGGCTGCCGTGCCTGGG	2400
Qy	2401	CTGCCCAGCCGCGTCAAGTGTGGCAGTCCGGGGCAGCTCCAGGGCCATAGCATCTTTGCG	2460
Db	2401	CTGCCCAGCCGCGTCAAGTGTGGCAGTCCGGGGCAGCTCCAGGGCCATAGCATCTTTGCG	2460
Qy	2461	CAAGACCTGCGCCTCTGCCTGGATGAGACCCTCTCGTGGAAGTGTGGTGGCATCTCGCTG	2520
Db	2461	CAAGACCTGCGCCTCTGCCTGGATGAGACCCTCTCGTGGAAGTGTGGTGGCATCTCGCTG	2520
Qy	2521	CTGGCCATGGCCCTGGGCCTGGTTGTGCCATGCTGCACCACCTCTGCGGCTGGGACCTC	2580
Db	2521	CTGGCCATGGCCCTGGGCCTGGTTGTGCCATGCTGCACCACCTCTGCGGCTGGGACCTC	2580
Qy	2581	TGGTACTGCTTCCACCTGTGCCTGGCCTGGCTGCCCCACCGAGGGCAGCGGCGGGGCGCA	2640
Db	2581	TGGTACTGCTTCCACCTGTGCCTGGCCTGGCTGCCCCACCGAGGGCAGCGGCGGGGCGCA	2640
Qy	2641	GACGCCCTGTTCTATGATGCCTTCGTGGTCTTTGACAAAGCTCAGAGTGCTGTGGCCGAC	2700

Db	2641	 GACGCCCTGTTCTATGATGCCTTCGTGGTCTTTGACAAAGCTCAGAGTGCTGTGGCCGAC	2700
Qy	2701	TGGGTGTACAACGAGCTGCGGGTGCAGCTGGAGGAGCGCCGTGGGCGCCGCGCACTGCGC	2760
Db	2701	 TGGGTGTACAACGAGCTGCGGGTGCAGCTGGAGGAGCGCCGTGGGCGCCGCGCACTGCGC	2760
Qy	2761	CTGTGCCTGGAGGAGCGAGACTGGTTACCTGGCAAGACGCTCTTCGAGAACCTGTGGGCC	2820
Db	2761	 CTGTGCCTGGAGGAGCGAGACTGGTTACCTGGCAAGACGCTCTTCGAGAACCTGTGGGCC	2820
Qy	2821	TCAGTCTACAGCAGCCGCAAGACCCTGTTTGTGCTGGCCACACGGACCGTGTGAGCGGC	2880
Db	2821	 TCAGTCTACAGCAGCCGCAAGACCCTGTTTGTGCTGGCCACACGGACCGTGTGAGCGGC	2880
Qy	2881	CTCTTGCGTGCCAGTTTCTCTGCTGGCCCAGCAGCGCCTGCTGGAGGACCGCAAGGACGTT	2940
Db	2881	 CTCTTGCGTGCCAGTTTCTCTGCTGGCCCAGCAGCGCCTGCTGGAGGACCGCAAGGACGTT	2940
Qy	2941	GTAGTGCTGGTGATCCTGCGCCCCGATGCCTACCGCTCCCGCTACGTGCGGCTGCGCCAG	3000
Db	2941	 GTAGTGCTGGTGATCCTGCGCCCCGATGCCTACCGCTCCCGCTACGTGCGGCTGCGCCAG	3000
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Qy	3061	TGGGCCCAGCTGGGCACAGCCCTGACCAGGGACAACCGCCACTTCTATAACCGGAAC TTC	3120
Db	3061	 TGGGCCCAGCTGGGCACAGCCCTGACCAGGGACAACCGCCACTTCTATAACCGGAAC TTC	3120
Qy	3121	TGCCGGGGCCCCACGACAGCCGAATAGCACTGAGTGACAGCCCAGTTGCCCCAGCCCCC	3180
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Qy	3181	TGGATTTGCCTCTCTGCCTGGGTGCCCCAACCTGCTTTGCTCAGCCACACCACTGCTCTG	3240
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Qy	3241	CTCCCTGTTCCCCACCCACCCCCCAGCCTGGCATGTAACATGTGCCCAATAAATGCTAC	3300
Db	3241	 CTCCCTGTTCCCCACCCACCCCCCAGCCTGGCATGTAACATGTGCCCAATAAATGCTAC	3300
Qy	3301	CGGAGGCCAAGCAAAAAAAAAAAAAAAAAA 3329	
Db	3301	 CGGAGGCCAAGCAAAAAAAAAAAAAAAAAA 3329	